MINING, BUSINESS AND STOCKS.

MAMMOTH RUMOR

proached for an Option.

Johd Bern Home from British Co

Inmbia Copper Ranch Property

Sold-Rems from the Camps.

hampered by the pending law suits,
Mr. McIntyre expresses perfect indifference as to whether he sells or not.

The raine is looking well and the oper-ations of the leasers in the upper levels

is proving very remunerative to the

EXAMINES A GOLD MINE.

Mr. John Dern Returned Home Last

Vice President John Dern, of the Con-

Vice President John Dern, of the Consolidated Mercur, returned last evening from British Columbia in company with R. G. Legg. While away they looked over a gold property on the Frazer river, about sixty miles by stage from Lytton. Mr. Dern characterizes it as one of the roughest journeys he ever made. This was not on account of the roads, which are kept in good order by the government, but the precipitous nature of the country made traveling quite difficult not to say hazardous. The mine examined showed a great deal of ore averaging \$15 per ton. The values are said to save well with the cyanide process. There is plenty of water and wood, but the mine is a long way out and for that reason Mr. Dern decided to have nothing to do with it. A great deal of activity is reported in the district.

On the way home Messrs. Dern and leggeratists.

On the way home Messrs, Dern and Legg visited Vancouver which is vieing with Scattle in the volume of business

transacted. A great deal of stir is re-ported in Seattle, Tacoma and Port-land.

Quincy Caring tor its Men.

Quincy Mining company for a large and commodious boarding-house—such

and commodulus boarding-house such a one as will furnish a model for all mining companies to follow. It is to be two stories, provided with a reading room and all the leading periodicals, as well as every other convenience

for the men. Quoting the words of D. C. McLaughlin, they propose to give the men the benefit of the amount they pay for board, with no intention of making a rake-off on this department. If they can't make money out of the mine they will shut up show

mine, they will shut up shop. The last two sentences are specially

interesting to miners. They show a broad humanitarian spirit different

from that shown by some mine mana-

for the benefit of the men particularly

but as a money making institution. Ir

view of his fact the statement of Manager lacLaughlin makes good read-

Tintic Shipments.

The Tintle Miner reports the follow-

ing consignments ou! of the listifut

Centennial Eureka ...

Cars of concentrates-

Mammoth mill

Park City Items.

In its review of the week at Park Che the Lecord says: Constructor Stevens now has seven mea working on the depet terminal of the Silver King actial tram, and the building was all inclosed yesterday. Haveafter the work wit all be inside, building the stairways, etc. The elevators have been coursed and will be put in as seen as they atrive. A pipe-line is now being run to connect with the scale pits and boot pits, for the purpose of draining them. The work at this end is expected to be wound up in about six wicks.

Two shifts were put on at the Creole

James Ivers came up from the

The Park Record says: Plans and drawings, we understand, have called for by and submitted to the

DISCUSSES THE

STOCKS WERE VERY BUOYANT.

Ontario, Mammoth and Daly West | President McIntyre Has Been Ap-Show Astonishing Gains.

GRAND CENTRAL STRONGER HIS HOLDINGS NOT TIED UP.

Star Con., Ajax and May Day Begin to Soar-Silver Shield He acts -Tesora Weakens.

Pres. Samuel McIntyre, of the Mam Not for many months has there been moth Mining company, returned yes seen such a bull market as that which terday from his ranch at Hallack, Nev., took place at the mining exchange today Such an all-around buoyancy in current rumor that he had tied up his prices is something so unusual as to deholdings in the company, said that he serve special mention. But of the list had not given an option to anyone of active stocks today only two are About three or four weeks ago some seen which show any weakness; they are Yankee Con., which sold at 15%, and 1614, and Tesora, which opened at option on the control of the mine. But 81 and closed at 77. Daly-West, Ontaric. Mammoth and Grand Central for third parties who were said to have were the features of the call. The first named reached its highest figure today when it opened at \$36. From that figsize, involving as it does upwards of \$600,000. Mr. McIntyre says he was ure it immediately jumped to \$36.50, Ontarlo of Park City surprised a great the parties who approached him meant many of its friends today by selling up to \$11.60. A few weeks ago the stock put up the cold cash they seemingly was selling around \$7.25. Mammoth, backed down. Mr. McIntyre says he with the air full of rumors, opened at has not heard anything on the matter \$2.49, and then jumped to \$2.50, from for three weeks. He says he has not which figure it receded to \$2.43, and afgiven an option on his stock, but the terwards reacted to \$2.49% on the closprice talked of was between \$3 and \$3.50 ing sale. Grand Central recorded its per share. first sale at \$7.10, and immediately ad-Mr. McIntyre say he has no vanced to \$7.21. Lower Mammoth sold what men of mean's were benind the up to \$4.06, while Daly sold from \$2 parties who desired the option, but the up to \$2.85. Con. Mercur was in betfact that the company has tied up its ter form at \$3.20, while Ajax closed ores for three years would seem to show around \$1.05% after opening at \$1.03%. that the Bingham Copper and Gold Day was much stronger today company is not in the deal. On the around 58. Sacramento was firm at 43 other hand it looks quite feasible that and a slight reaction took place in Silthe company might secure the Grand wer Shield, which sold from 8% up to Central and Mammoth, and by uniting 94. South Swansea sold at \$1.211/2. them make one rich consolidation un-

form today, selling from 67 to 71. Ben Butler brought 7%. Closing quotations were posted as fol-

while Martha Washington dropped a

few hundred shares around 13. Joe

Bowers sold at 2, Star, Con, was in good

Stock	Bid.	Asked.
Ajax.,	\$ 1.05	\$ 1.05%
Albion	.30	.45
Anchor	2.30	2.50
Anchor	.10	.14
Bullion-Beck	3.25	
Ben Butler	.071/4	
Consolidated Mercur	3.18	3.20
Centennial Eureka	27.75	30.50
Creole	.05	.76
Century	1.16	1.20
Dalton & Lark	.041/4	.07
Daly	2.07	*******
Daly-West	36.25	37.00
Dexter	1.00	1.171/2
	.09%	.101/4
Eagle and Blue Bell	.78	.07
Four Aces	110	.0134
Golden Eagle	.01	.0284
Galena	.07	.10
Grand Central	7.1936	7.2114
Horn Silver	1.00	*****
Homestake.	.02	
Joe Bowers	.63	.03%
Joe Bowers	.0134	.0214
Johnny	.621/2	.65
Kremlin		.10
Lower Mammoth	4.05	4.061/2
Little Pittsburg		.01
Little Chief	.121/2	.171/2
Mammoth	2.4914	2.50
Manhattan	.0098	
	.12	.13
May Day	.57	.571/2
Northern Light	.12	.1216
Nevada	.02	.04
Ontario	11.60	12.25
Petro	.1616	.174
Richmond Anaconda		.30
Rocco Homestake	1.02	
Sacramento	.43	43%
Silver King	77.50	82.50
Sunbeam	.31	.45
Sunshine	,20	.30
Star Consolidated	.71	.711/2
Swabsea	3.8614	4.50
South Swansea	1.30	1.31
Silver Shield	.03	.091/2
Tetro	.0516	.09%
	.76	.09
Utah	.68	70
	.2614	.70
Yankee Consolidated	.15%	.1614
	120 /4	1207

TRANSFERS.

Ajax-100 at \$1.03½; 800 at \$1.05; 100 at \$1.05½; 100 at \$1.05½; 100 at \$1.05½. Consolidated Mercur-400 at \$3.20. Daly-300 at \$2.00; 100 at \$2.01; 100 at \$2.02. 100 at \$2.041/2; 100 at \$2.07; 25 at Daly-West-100 at \$36.00; 50 at \$36.15;

At \$36.25; 50 at \$36.50,

Grand Central—100 at \$7.10; 200 at \$7.13; 100 at \$7.14; 100 at \$7.17; 100 at \$7.16½; 100 at \$7.18; 100 at \$7.19; 100 at \$7.20; 200 100 at \$4.04; 100 at \$4.05; 200 at

Mammoth-300 at \$2.49: 700 at \$2.50 100 at \$2.47; 200 at \$2.45; 100 at \$2.43; 100 at \$2.47½; 300 at \$2.45; 100 at \$2.49½.

May Day-200 at 57; 400 at 58; 100 at 57%; 100 at 57½.

Northern Light-8.500 at 12; 8.500 at

Ontario-200 at \$11.50; 100 at \$11.60.

Sacramento-500 at 43.
Silver Shield-1,000 at 8%; 3,500 at 9;
300 at 9; 2,500 at 94.
South Swansea—600 at \$1.31½; 200 at \$1.31; 300 at \$1.30.
Star Consolidated 300 at 67; 100 at 68;

Star Consolidated-300 at 67: 100 at 68:

100 at 68½: 100 at 69; 100 at 69½: 3,200 at 70½: 500 at 70½: 500 at 71. Tesora—400 at 81: 100 at 80: 100 at 79: 100 at 78½: 100 at 78; 200 at

Utah—100 at 70½.

Ben Butler—1,000 at 7¼.

Joe Bowers—500 at 2.

Manhattan—5,000 at 3.

Martha Washington—500 at 12¾; 1,500

Yankee Consolidated-500 at 151/2: 1,500

E. C. Coffin, Stock Broker, 1, 3, 5 Jennings Block. Tel. 1007.

Smurthwaite's seeds have made Utah Tamous at two American and one Paris expositions, winning highest prizes in all three. They carry all kinds, 132 State St. Salt Lake City.

Two shifts were put on at the Creole Monday, which are expected to be increased very soon. Work is still teing carried on it the drift, which will be run until the main body is stell. A little or is being encountered every day, and the operators are satisfied, from the appearance of the inaterial that they have not far to go in stell. LIFE OF A PIONEER. Autobiography of Capt. James S. Brown, 520 pages, bound in cloth. Price 42.00: for sale at the Descret News. Special terms to agents. that they have not far to go in strike

MARKET WAS A "RUSHER"

There Was an Eager Demand for All Classes and Grades of Stocks

Everything Went Up - Pacifica and Grangers Largely Bealt in at Hig Advances.

ils Wednesday on business, we understand was closed up ameo Farrell purchased his and ore-hauling business. This

the Silver King hauling con-

Copper Ranch is Sold.

pest Mining in the World.

ammoth mine in Tintic which is will 1900 feet, with a winze from all level completed to the 2,000 level. here are some deeper shafts in matick of Nevada, but the copper less of Michigan take precedence er everything else in the United ales.

pest shaft in Utah is at the

report of the Tamarak Min-

company for the calendar year end-pec, 31, 1900, shows that the total king for the year amounted to 1,008 t. The depth of the several shafts 8: No. 1, 3,240 feet; No. 2, 4,143 feet; 3, 4,713 feet; No. 4, 4,450 feet, and 5, 4,680 feet; he rock mined for the year was 658 tons; rock stammed, 625,422 tons.

os tons; rock stamped, 625,422 tons; ral obtained, 31,738,405 pounds. The

mineral obtained, 31,738,405 pounds. The directors' report says:

"The most important work ever unshaling of No, 5 shaft, the total cost of which, including equipment to Dec. 3, 1900, has been \$663,508. The work on th's shaft was begun August 7, 1895.

The lode was cut Dec. 20, 1900, at a depth of 4,662 feet, and was found as ich as we expected it to be. This fact has an important bearing on the future prospects of the company."

MINING NOTES.

R. G. Wilson has gone east on mining

The Carisa of Tintle was on the mar-

Five cars of ore from the Humbug f Tintle were on the market today.

The Centennial Eureka was on the

The Diamond of Eureka, Nev., eached the market today with a car of

James A. Cunningham and F. B. Cook will visit the Columbia of Bingham to-

Tintic Miner: The Eagle and Blue Bell this morning started to drift to-ward the west on the 400 level. It is expected to strike the main ore body within forty or fifty feet.

The directors of the Utah Mining company declared a dividend of 2 cents per share or \$2,000 late this afternoon, the same being made payable on the 25th inst., the books to close on the

Col. Milner of the Dexter-Tuscarora Mining company, who came in from the East today, reports a, good feeling in New York, Boston and other cities towards Utah mines. The colonel had nothing to say about his trip East.

Tintic Miner: Peter M. Gillespie, who as a lease in the Plummer tunnel at the Mammoth, has encountered a four-

SALT LAKE MARKETS.

MEATS.

olesale buying prices on grain wheat 53 to 55 cents ber bushel, best

Oats, \$1.25 per cwt.
Rye, \$1.00 per cwt.
Feed barley, 70 to 75 cents per cwt.
Brewery barley, \$1.10 to \$1.25 per cwt.

FLOUR.

The People's Forwarding company use the following prices:
High patent, \$1.50 per cwt.
Straight grade, \$1.35 per cwt.
Baker No 1, \$1.25 per cwt.

HAY.

NEW COMPANY.

The Fraternal Mercantile Institution

and has filed its articles of incorpora-

Its capital stock is given at \$35,000.

B. Coons is president, M. J. Moran, vice president, A. T. Waltz, secretary, and H. A. Rebentish, tressurer; who, together with B. S. Rines, F. E. Morgan, gether Rrown, D. O. Willey, Jr., and M. M. Rrown, form the board of di-

vided into 35,000 shares of \$1 each. B.

ion with the county clerk.

ted, has been organized in this city,

Loose timothy hay is worth \$10 per while lucern loose is worth \$7.00 per

narket today with eleven cars of ore.

ket today with two cars of ore.

shipment of 400 tons of ore from Clescent mill dump to Canyon Colo, was completed this week. New York, March 18,-Trading in the stock market started off with a rush today. There was an eager demand for all classes and grades of stocks and alnes Fros. are putting new settling is in their small jugging plant in aret; bed back of the open house, paratory to active work this spring. bonds and prices rose buoyantly. At first only a few stocks were notably higher, but the market constantly broadened and new stocks came forward into the upward movement. Burdeal was consummated on Saturaternoon by which the control of Copper Ranch property, situated in aver county, passed into the hands a number of gentlemen, among on are: R. C. Chambers, Moses atcher and Jacob West. The propy consists of 17 claims in the Rocky triet, adjoining the Montreal. The Lin vela, which is nearly 2 miles long said to be intersected by two cross sares, one of which is upwards of 60 at between walls. The consideration said to have been nearly \$50,000. The bard has been reorganized with R. C. hambers president; Moses Thatcher, ice president; B. T. Lloyd, secretary ha manager. Jacob West is also a dicettr and another director is to be secretary and manager. finton and Manhattan led the movement. The movement was the sequel to the growing strength of the market last week which attracted a large outside demand through commission houses this morning. It was emphasized by the report that J. J. Hill had acquired control of Burlington in the interest of Northern Pacific and Great Northern and that the Rockefeller iron interests were to be included in the merger. Manhattan, Burlington and the steel stocks were bought on an enormous scale at advances of 2 to 4½ points. The Pacific stocks and the grangers were very largely dealt in at advances approaching or exceeding 2 points and many less prominent stocks were very buoyant.
The handsome profits shown by the

or the nancsome profits shown by the quick advances brought heavy realizing by the professional operators who bought last week in anticipation of today's developments. The coalers suffered from the fear that a miners' strike might occur in the anthracity region. The large demand absorbed all selling in the first hour but when the buying orders accumulated in commis-sion houses had been executed, prices began to yield. Before noon inroads of 1 to 3 points had been made upon best prices of some of the active stocks. But others advanced and kept up the animation and undertone of strength of the market. Missouri Facilic moved up 31/2 in face of the general tendency to

Burlington touched 165 in the after-noon and other stocks, which became aggressively strong were Sugar, Gen-eral Electric, T. C. I., People's Gas, Rock Island, Louisville and Southern Pacific. In the Eric second preferred the extreme advance reached six points with a feverish and erratic price move-ment. Wherever new stocks advanced their sustaining force was skilfully tak-en advantage of to realize profits in stocks which had already risen. This process made some deep inroads upon best pieces, occasional reactions fun-ning from 1 to 3 points. Pressure was promptly relaxed, however, after the professionals had taken the cream of the profits. Including both stocks and bonds it was one of the largest days in the history of the stock exchange, MONEY AND BONDS.

Money on call nominally at 2% per ent. Prime mercantile paper 3%@4% Sterling exchange firm with actus

business in barkers' bills at 4.87%@% for demand and at 4.84%@% for sixty days. Posted rates 4.85%% and 4.88%; commercial bills 4.83%@4.84. Silver certificates-614@63 Bar Silver-61.

Mexican dollars-49. Government bonds steady; refunding 2s registered, 105%; refunding 2s cou-pon, 106%; 3s registered and coupon, 111 The Utah Mining company of Fish new 4s registered and coupon, 138; old 4s registered, 112; old 4s coupon, 114; 5s for 12,800. new 4s registered and coupon, 138; old registered and coupon, 1111/2. SUGAR.

James Chipman, who visited the Lower Mammoth yesterday, reports the new compressor in place. The last car of ore netted the company \$720. Raw, steady; fair refining, 31/2; cen-trifugal, 96 test, 4; molasses sugar, D. P. Rohlfing, the well known engineer, is up form the Horn Silver. He reports the mill undergoing repairs, with a force of 50 or 60 men employed at the mine. Refined-Steady; crushed, 5.75; pow dered, 5.35; granulated, 5.25.

CHICAGO MARKETS. PRODUCE.

Chicago, March 18.—May wheat opened at 77½ to 76%, rallied to 77½ 77½, but reacted to 76%, Close—Wheat—March, 75½; April, 75½ 675½; May, 76%. Corn—March, 40½; May, 41% 24½. Oats—March, 24½; May, 25½. Pork—March, 15.75; May, 15.90; July, 15.90

14.10.
Lard-March, 7.77%; May, 7.77%;
July, 7.80; Sept., 7.85.
Ribs-March, 7.55; May, 7.55; July, 7.55; Sept., 7.57%.
Cash-Wheat-No. 2 red, 75@78; No. 3, do., 72@76; No. 2 hard winter, 72@74; No. 3, do., 70@73; No. 1 northern spring, 76@78; No. 2 do., 75@78; No. 3 spring, 69@75.

Corn-No. 2, 40; No. 3, 391/2. Oats-No. 2, 251/2 @253/4; No. 3, 251/2. Rye-5014. Barley-38@56. Timothy-4.10. Flax-Northwest, 1.55.

LIVE STOCK. Cattle-Receipts, 21,000. Choice steers

the Mainmoth, has encountered a four-foot body of ore that will ship 40 per cent in copper. All the leasers of the mine are now working in good shipping ore, and their out-put forms no in-considerable part of the tonnage from the mine. Cattle—Receipts, 21,000. Choice steers about steady; others weak; butchers stock steady to strong. Good to prime steers, 4.85@6.00; poor to medium, 3.65 @4.75; stockers and feeders, 2.65@4.65; cows, 2.65@4.35; heifers, 2.65@4.65; canners, 2.00@2.60; bulls, 2.60@4.25; calves, 4.50@5.75; Texas fed ;teers, 4.00@5.00; Texas grass steers, 3.40@4.00; Texas bulls, 2.50@3.75.

Hogs—Receipts today, 34,000; tomorrow, 23,000; left over, 3,450. Opened 5c. lower, closing strong; top 5.80. Mixed and butchers, 5.55@5.77½; good to choice heavy, 5.65@5.80; rough heavy, 5.55@5.6½; light, 5.55@5.75; bulk of sales, 5.65@5.75.

Sheep—Receipts, 23,000. Sheep weak

The butter market is in good condition today. The best grade creamery is quoted at 21 cents wholesale selling price, while ranch butter is in fair demand at 12½ cents.

J. M. Christensen & Co. quote the best fair demand at 12½ cents.

J. M. Christensen & Co. quote the best
Utah eggs at 34 per case today, with
the prospect of lower prices within the
next few days.

Owing to an excess of Eastern chickens the poultry market is not quite
so good today. Wholesale selling
prices on dressed turkeys range from 12
to it cents per pound, and chickens runbetween 11 and 13 cents.

Cheese is selling at from 10 to 11

sales, 5.65@5.75.
Sheep—Receipts, 23,000. Sheep weak to 10c lower. Good to choice wethers, 4.35@5.70; fair to choice mixed, 4,00@4.40; western sheep, 4.40@4.70; year-lings, 4.75@5.00; native lambs, 4,70@5.45; western lambs, 5.10@5.45.

KANSAS CITY LIVE STOCK. he wholesale prices on meats are as Kansas City, Mo., March 18.—Cattle
—Receipts, 5,600. Best beef steers and
good stockers and feeders steady, others steady to 5@10 cents lower. Native ers steady to 5@10 cents lower. Native beef steers, 4.50@5.55; Texas steers, 2.80 @4.85; Texas cows, 2.65@3.75; native cows and helfers, 2.40@4.75; stockers and feeders, 3.70@4.75; bulls, 3.00@4.25; calves, 4.00@6.50.

Hogs—Receipts, 7.000. Steady to 2½c. lower. Bulk of sales, 5.55@5.65; heavy, 5.60@5.70; packers, 5.55@5.65; mixed, 5.50@5.65; light, 5.45@5.55; yorkers, 5.40 @5.60; pigs, 5.00@5.30.

Sheep—Receipts, 1,500. Lambs, steady to 5c. lower; muttons, steady. Muttons, 3.80@4.86; lambs, 5.00@5.25.

OMAHA LIVE STOCK. Omaha. Neb., March 18.-Cattle-Re-

Omaha, Neb., March 18.—Cattle—Recelpts, 3,200. Weak to 5@10c. lower; native beef steers, 4.00@5.35; western steers, 3.70@4.50; Texas steers, 3.00@3.90; cows and helders, 3.25@4.27; canners, 1.50@3.00; stockers and feeders, 3.25@4.75; caiv.s,3.50@7.00; bullls,stags, etc., 2.75@4.10.

Hogs—Recelpts, 4.200. Steady to easier; heavy, 5.55@5.60; mixed, 5.52%@5.55; light, 5.50%5.55; pigs, 4.75@5.50; bulk of sales, 5.52%66.57%.

Sheep—Recelpts, 9.200. Active, steady. Yearlings, 4.65@5.00; wethers, 4.25@4.60; ewes,3.75@4.25; common and stock sheep, 3.75@3.35; lambs, 4.50@5.25.

DENVER LIVE STOCK. Denver, Colo., March 18.—Cattle—Re-celpts, 500; market steady to strong, Beef steers, 3.50@4.85; cows, 2.50@4.00; feeders, freight paid to river, 2.09@4.75; stockers, freight paid to river, 2.25@ 4.75; bulls, stags, etc., 2.00@3.25. Hogs-Receipts, 300; market weak. Light packers, 5.50@5.55; mixed, 5.55@5.60; heavy, 5.55@6.60.
Sheep-Receipts, 2.59; market steady.
Good fat muttons, 3.70@4.25; lambs, 4.85

SAN FRANCISCO GRAIN. San Francisco, March 18.-Wheat-Firmer; May, 1.004; Dec., 1.054; cash,

Barley-No sales; cash, 75. ST. LOUIS WOOL. St. Louis, March 18 .- Wool, dull; tercitory and western medium, 14@16; fine 11@15c; coarse, 11@14c.

WESTERN STOCK SALES.

Special Correspondence. Kansas City Stock Yards, Mo., March 14.—As David Harum would say, the cattle market has been able to "set up' a little every day for the past week. Everything of a desirable nature has sold steady to strong, excepting cattle on the stocker and feeder order, which the high mark to which they arose dur. ing the first week of March. They are still high enough, however, and the highest price of the season, 5.25, was paid on Monday for some fancy, black stock cattle. Stock calves, 300 to 500 pounds average, sell at the extreme range of 3.50 to 5.00, good to choice natives and unbraded westerns at 4.25 to 5.00, and best branded lots at 4.00 to 4.75. Medium weight feeders, up to 950 pounds, sold us high as 4.75, the better grades largely at .25 to .65, and the Panhandle, Oklahoma and Southwestern offerings at 3,30 to .50. Heavy feeders, 1,000 to 1,175 pounds average continue in good demand, branded cattle selling at 4.00 to 4.50 and the best of those with unmarred exteriors, up to 4.75. Spipments to the country have been liberal and wide in distribution, including goodly numbers to Tennessee which recently become a generous pa-

tron of this market.

The best price paid for dressed beef and export cattle was again 5.65 and eastern order buyers were aggressive, securing a large percentage of the most desirable cattle worth from 4.90 up-wards. The 4.50 to 4.85 cattle were in good supply and held up well, though a slight concession was made to buyers after Tuesday. Western fed steers ranged from 4.00 to 5.15, largely at 4.28

ranged from 4.00 to 5.15, largely at 4.25 to 4.75, and strictly fancy Colorados would have brought 5.25 to 5.50.

Receipts of Southern cattle on Monday, the 4th inst., were the largest one day's receipts since March 4, 1895, but Monday, the 11th, went that day nearly 400 better and landed 3.225 cattle in the Southern division. The season's the Southern division. The season's prices were also topped by J. H. Gilliland's 1,447 pound steers from White Eagle, O. T., at 4.85. Prices for Southern cattle during the week ranged largely from 3.90 to 4.70, and consisted of 6,252 cattle, mostly steers, which sold 19 cents to 20 cents in advance of the prices paid during the week next preceding. The supply of Texas bulls was moderate and sold at 3.00 to 3.25, and the few cows were taken at 2.70 to 3.65. Native heifers sold up to 4.85, good to choice cows at 3.10 to 4.25, and canners at 2.25 to 3.00.

Choice Colorado lambs sold at 5.25 on Wednesday, showing an advance of about 25 cents per cwt. for the week. A double deck of 86 pound clipped Pecos Valley lambs brought 5.00 on the same day, and other sales of Colorado and Southwest lambs have since ranged largely at 5.00 to 5.15. Sheep values also show 15 cents to 25 cents improvement, and top wethers were disposed of at 4.70 during the week; mixed sheep and yearlings sold up to 4.80 and choice yearlings are worth 4.75 to 5.90; but ewes are worth 3.75 to 4.25 and are in

good demand. Packers seem to be on the anxious together inadequate.

Hogs continue to gain strength and the highest price of the season was paid on Thursday when top hogs brought 5.67½. The bulk of the heavy, medium and light hogs sold at the close of the week at 5.50 to 5.60, while pigs

Receipts for the week were: 33,500 cattle: 54,000 hogs and 11,500 sheep, against 27,800 cattle: 58,300 hogs and 10,-400 sheep, for the preceding week, and 32,700 cattle, 65,000 hogs, and 18,500 sheep for the corresponding week last year.

Some of the sales of western sheep and lambs at Kansas City last week were as follows:

Monday-A. C. Norwood, Las Animas, Colo., 520 lambs, 65 lbs. at 5.10. W. H. Ney, Fowler, Colo., 479 lambs, McCarty, Manzanola, Colo., 172 lambs, 77 tbs. at 5,15. S. McCarty, Manzanola, Colo., 49 ewes, J. D. Colt & Sons, Manzanola, Colo., 109 Colo. ewes, \$2 ths. at 4.25. J. D. Colt & Sons, Manzanola, Colo., 90 Calif. ewes, 93 ths. at 3.75.

Tuesday-M. L. Norwood, Las Animas, Colo., 265 M. L. Norwood, Las Animas, Colo., 255 lambs, 66 lbs. at 5.00.
G. J. Lackey, Rocky Ford, Colo., 484 lambs, 72 lbs. at 5.07½.
F. M. Harsem, Rocky Ford, Colo., 504 lambs, 83 lbs. at 5.15.
J. B. Colt & Sons, Manzanola, Colo., 420 Colo. ewes, 80 lbs. at 4.15.

Wednesday—
Geo. Webster, Carlsbad, N. M.,
225 clipped lbs., 86 lbs. at 5.00.
Geo. Webster, Carlsbad, N. M.,
475 lambs, 73 lbs. at 5.10.
Elmer Comer, Rocky Ford, Colo., 439
lambs, 85 lbs. at 5.25. Thursday-

G. H. Webster, Carlsbad, N. M., 473 lambs, 77 lbs. at 5.05.

James Scott, Las Animas, Colo., 231
lambs, 76 lbs. at 5.10. lambs, 76 lbs. at 5.10.
Alax. Ccott, Las Animas, Colo., 239
lambs, 80 lbs. at 5.15.
J. B. Manley, La Junta, Colo., 510
lambs, 77 lbs. at 5.15.
D. A Friesen, Jensen, Nab., 384 Wyo.
weth., 110 lbs. at 4.50.

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murmur of a distant waterfall the patter of raindrops on the roof and other rhythmic vibrations produce a other rhythmic vibrations produce a soothing effect upon the nervous centers that, Dr. B. F. Ward states, may deepen into anaesthesia as profound as that from chloroform. In twenty years of observation he has noted some striking examples of this effect. Perhaps the most extraordinary case is that of a tired workman who, on his way home, sat down upon the cross-tie of a railsat down upon the cross-tie of a rail-way track, where he was luiled into unconsciousness by the vibrations of an approaching train, and only awakened many hours afterward, when he found that his left arm had fallen across the rall and been crushed at the elbow. The man was perfectly sober. It is concluded that the vibrations must be uniform, rhythmic and steadily increasing in force, and that it should be practicable to construct a metallic operating table, with wheels to give vibrations that would ensure perfect and harmless

anaesthesia. A curious failure of sensitized paper and dry plates is reported by Liesegang. The materials being proven of the us-ual quality, it was suspected that acety. lene, with which experiments were being made in the next room, was the cause, and this theory was found to be correct. Neither hydrogen nor coal gas appeared to have the same action. Further experiment made it clear that some impurity of the acetylene-probably phosphoretted hydrogen and not sul phuretted dydrogen-reduced the silver compounds in the emulsion. Sensitized paper was quickly spoiled by the phos-phorus of matches laid near,

Sulphur is found by R. Brauns, a German crystallographer, to assume not less than twelve different states, viz., eight forms of crystals, two forms of fluid in fusion, and two forms of va-

The German plan of protecting large shafts by a covering of vulcanized rub-ber is finding favor in England, where it is expected to extend rapidly.

The home of the Chinese tea plant is now believed to have been Upper As sam, although its existence in this re sam, although its existence in this re-gion was not generally known until 1834. Prof. A. Krassnow, of Kharkoff, Rus-ria, decides further that the tea plant must be indigenous to the whole mon-soon region of eastern Asia, as he has found it growing wild in dense, uncul-tivated forests as far north as the islands of southern Japan. He believed that it existed in China and Japan lone before the cultivated form was intro-duced from the southwest. The period of culfivation having been too short to produce the modifications existing, be concludes that the peculiar properties of the Chinese plant have resulted from changes of climate in eastern Asia since the Tertiary epoch, instead of from cultivation in a colder climate or from ex-hausted soil. He traces the two varietles—Assam and Chinese—to remote times, finding the first still growing wild in India, and the other occurring still wild in southern Japan.

Coffee drinking in excess seems to b scarcely less harmful than the alcohol habit. A resident of Brazil describes a woeful state of semi-intoxication from coffee as existing in that country even infants being given the strong beverage almost incessantly throughout the day, and the effects being strikingly evident in trembling hands, twitching eyelids, mummy-hued skin, and chronic state of excitability. It ma be well to emphasize the importance of moderation in the United States, the annual consumption of coffee here being now 11 pounds per inhabitant.

Calcium carbide, it appears, does not seat and, as a rule, make their bids on all arrivals of sheep and lambs while they are still in the alleys. The supply was less than 12,000 ofr the week, and alturer obtains it by heating bails of lime and coke in a gas flame; and in another process a mixture of lime and coal is exposed to the heat of coke burning in oxygen. In both cases a special fur-nace is necessary.

Plates of borax and iron filings, strengthened by a web of iron-wire mesh, are used by M. A. Cherbonnier, of Paris, for facilitating the welding of two pieces of iron or steel. With these plates the weld can be made at a much lower temperature than without them, and it is made much more sound.

A fine Wimshurst machine just finished for a London hospital weighs half a ton. It has a mahogany base 53 inches square, and its main shaft carries 20 glass discs, each 3 feet across, 5-32 of an inch thick, and weighing 14 pounds. Each disc is furnished with 36 metallic sectors, each 5 inches long and 1 inch across at the wide end. The prime conductors are stout brass cylinders 3 inches in diameter, with hemispherical ends, and they are mounted on ebonite pillars an inch and a half in diameter. The machine may be driven ebonite pillars an inch and a half in diameter. The machine may be driven by two men or by an engine of ¼-horse power. With the power of one man, maintaining about 60 revolutions per minute, it yields a continuous stream of sparks 20 inches long, and causes a large Crookes tube held in the line of discharge to glow like a full moon. While adapted for X-ray and other work, one of the special purposes of this great machine is to be the treatment of consumption by friving curative substances through the skin of tive substances through the skin of the chest under the influence of the heavy brush discharge obtainable.

A new process for making artificial cotton from wood resembles that succotton from wood resembles that suc-cessfully employed for a number of years in making silk. Pine logs are split into splinters, and treated with steam and then for 35 hours with go-dium bisulphite under a pressure of three atmospheres. The pulp is next washed and bleached. The purified cel-lulose is then heated again, and mixed with zinc chloride, hydrochloric acid and acetic acid with the addition of and acetic acid with the addition castor oil, casin and gelatine, mixture is forced through - die thread, which is steeped in soda, dried, and wound on bobbins.

Nervous people may sleep much without knowing it, according to the experience of Dr. A. Erlenmeyer, Even in health one may fall into a consider-able slumber and afterward have the able slumber and afterward have the impression that there has been no sleep, as when a railway traveller is awakened by the stopping of his train and has no recollection of other stations passed or of having lost consciousness. This lack of perception of sleep is most common in nervous disease. Patients complain of wakefulness after having actually sleep at high reaches. necessary a caution against hypnotics, which should only be used after watch-ing has established the individual's

WARD ENTERTAINMENTS.

The young ladies of the Seventeenth ward are arranging for an entertainment of unusual interest for Thursday evening, March 21st, to be given in the ward hall for the benefit of the woman's building. man's building.

The giant polyphone, the X-rays, and an art exhibit of fancy work, presided over by Miss Agnes Tuedt, will enter-

tain you.

Booths containing kitchen aprons, clothes pin aprons, dusting caps, etc., and candy, will prove very attractive, not to mention the fish ponds which are filled with articles of value. Each article worth the price of fishing, and no blanks. There will also be refreshments of the choicest sort. The members of the ward will be pleased to know that Bishop W. J. Beatie, who has been absent in California all winter, will be with them on that occasion.



Time Table In effect Nov. 8,

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For Garfield Beach, Tooele and Terminus:

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For Orden, Denver, Kansas City, Omaha, St. Louis and Chicago, 6:30 p.m.

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